

Applicant: Hiroshi FURUKAWA, et al.

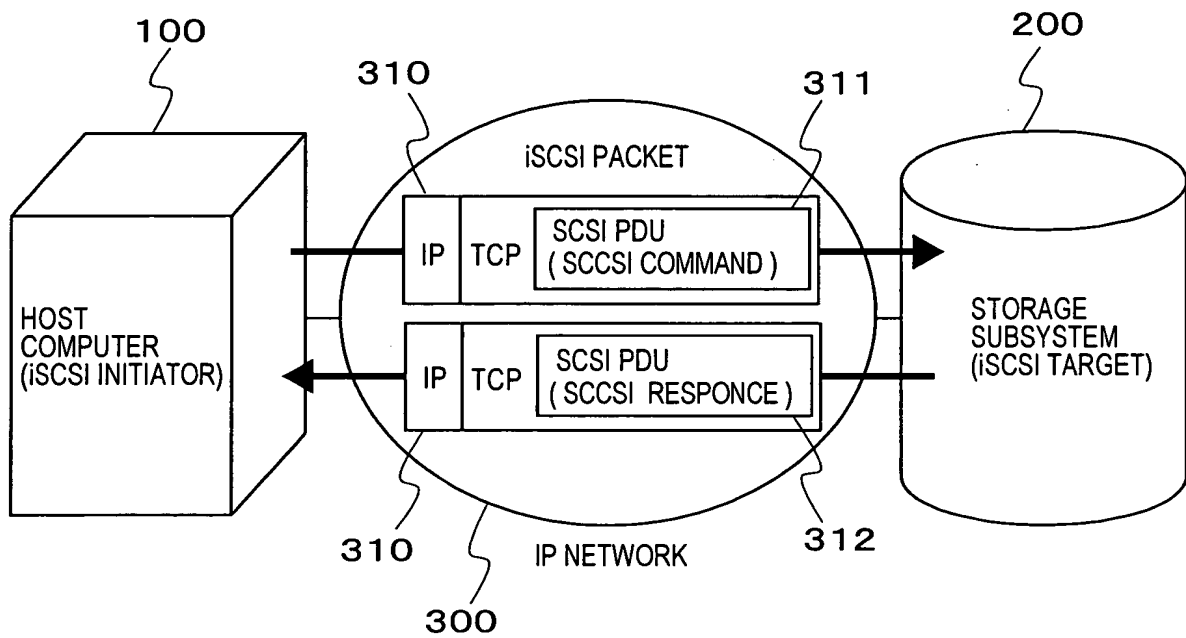
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FIG. 1



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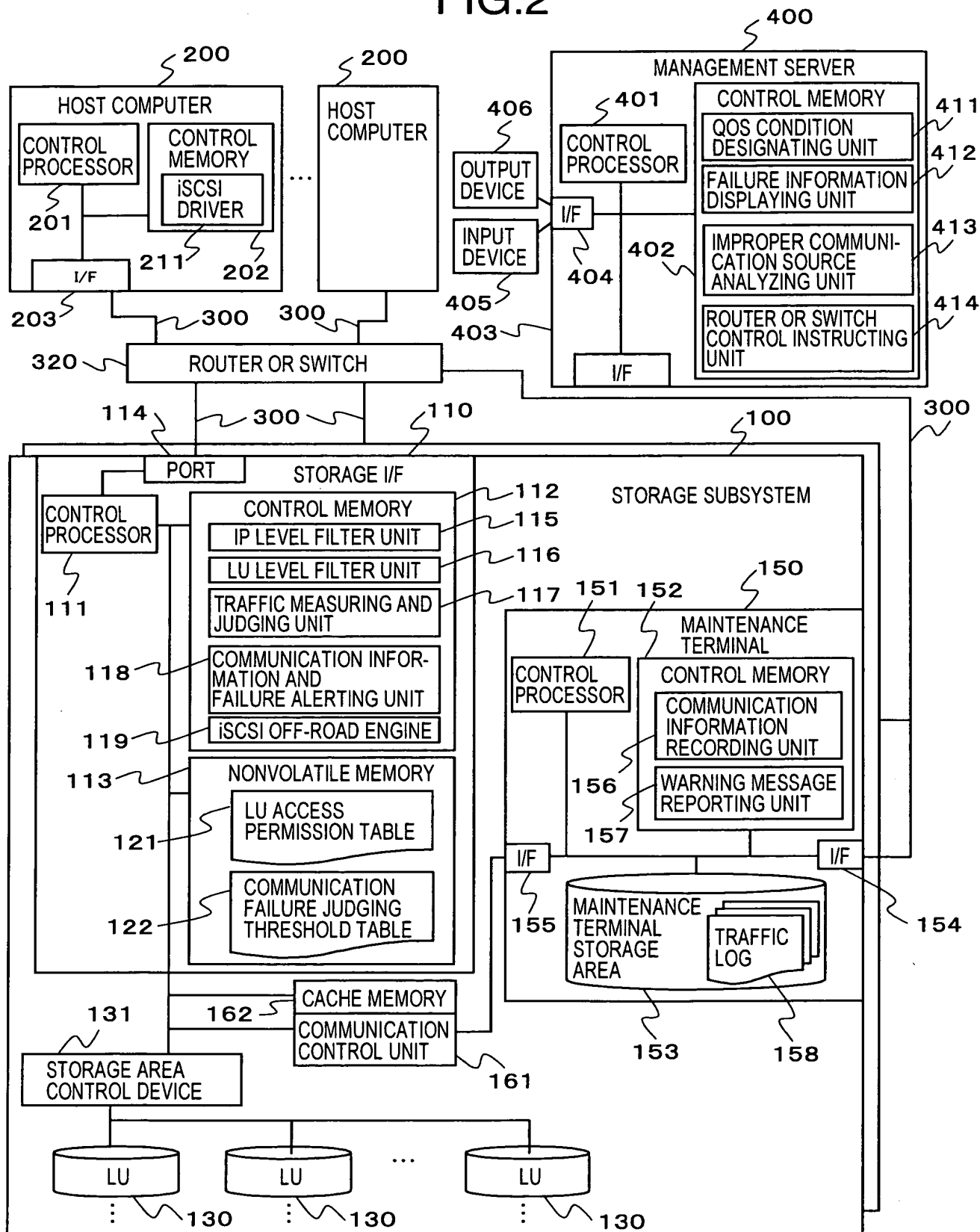
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FIG.2



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FIG.3

1211 ⚡ iSCSI NAME	1212 ⚡ VIRTUAL LUN	1213 ⚡ LUN
lqn .2003-07.com.XXX :iscsi-disk :mdel-YYY :sn-ZZZ	0,1,2,3,4	0,1,6,8,15
lqn .2003-07.com.RRR :iscsi-disk :mdel-SSS :sn-TTT	0,1,2	2,7,10
lqn .2003-07.com.OOO :iscsi-disk :mdel-PPP :sn-QQQ	0,1,2,3	3,4,5,14
⋮	⋮	⋮

⚡  
121

FIG.4

122 a ⚡ JUDGING OBJECT COMMUNICATION RATIO	122 b ⚡ THRESHOLD
1221 ⚡ NON-iscsi PACKET TRAFFIC (/s)/ALL TRAFFIC (/s)	50% OR MORE
1222 ⚡ UNPERMITTED iscsi PACKET TRAFFIC (/s) iscsi PACKET ALL TRAFFIC (/s)	30% OR MORE
1223 ⚡ PERMITTED iscsi PACKET TRAFFIC (/s) / ALL TRAFFIC (/s)	60% OR LESS
⋮	⋮

⚡  
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## FIG.5

[ TRAFFIC LOG ]

2003/07/15 0:06:59 ICMP 10.O.P.Q / 32 > 10.Y.Y.Y / 32  
2003/07/15 8:32:34 TCP(iSCSI) 10.A.B.C / 102 > 10.Y.Y.Y / 208  
2003/07/15 10:00:01 TCP 10.X.X.X / 108 > 10.Y.Y.Y / 20  
2003/07/15 10:00:01 TCP 10.X.X.X / 108 > 10.Y.Y.Y / 20

⋮

2003/07/15 10:00:02 TCP 10.X.X.X / 108 > 10.Y.Y.Y / 20

⋮

1581

1582

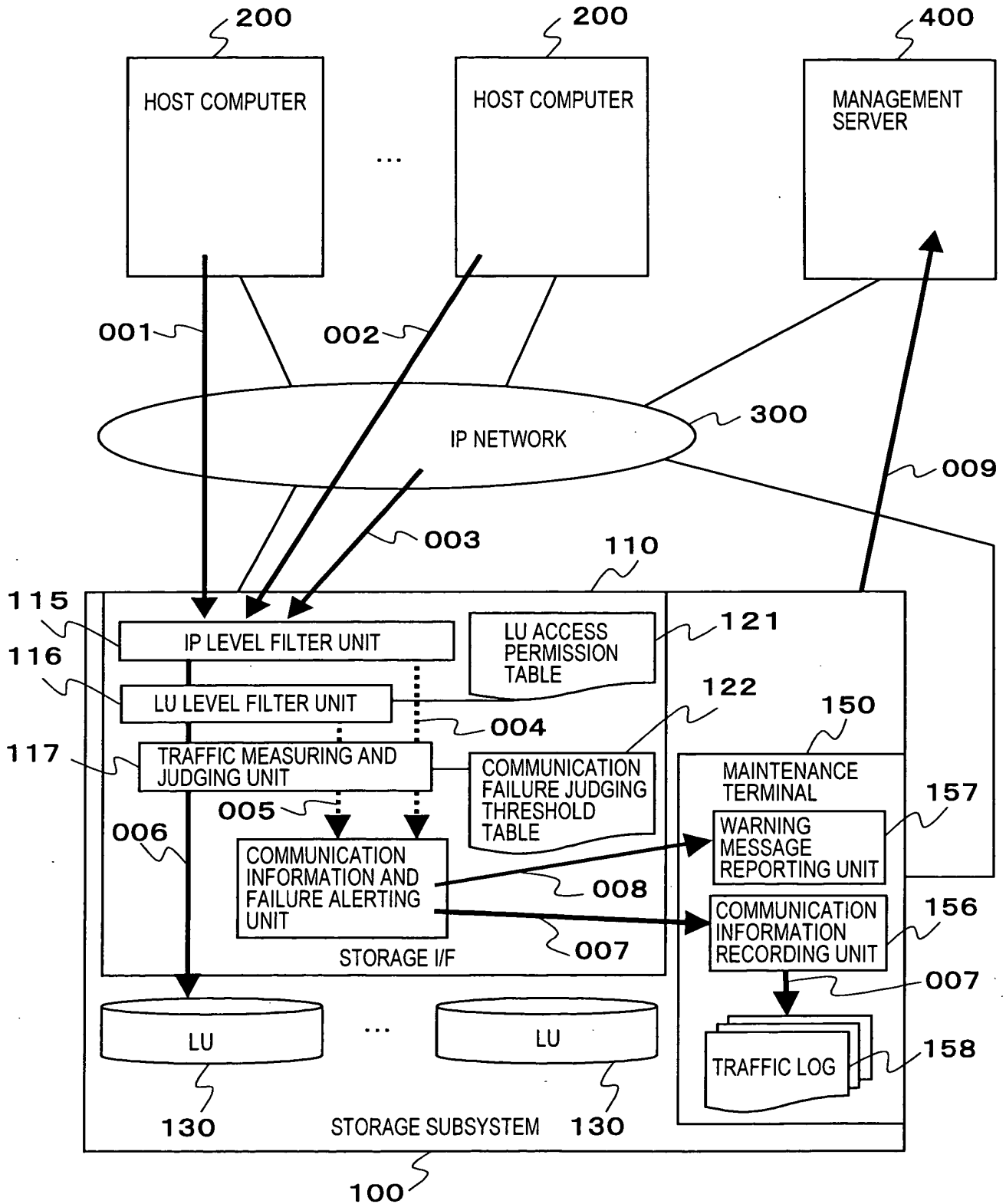
1583

1584

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FIG.6



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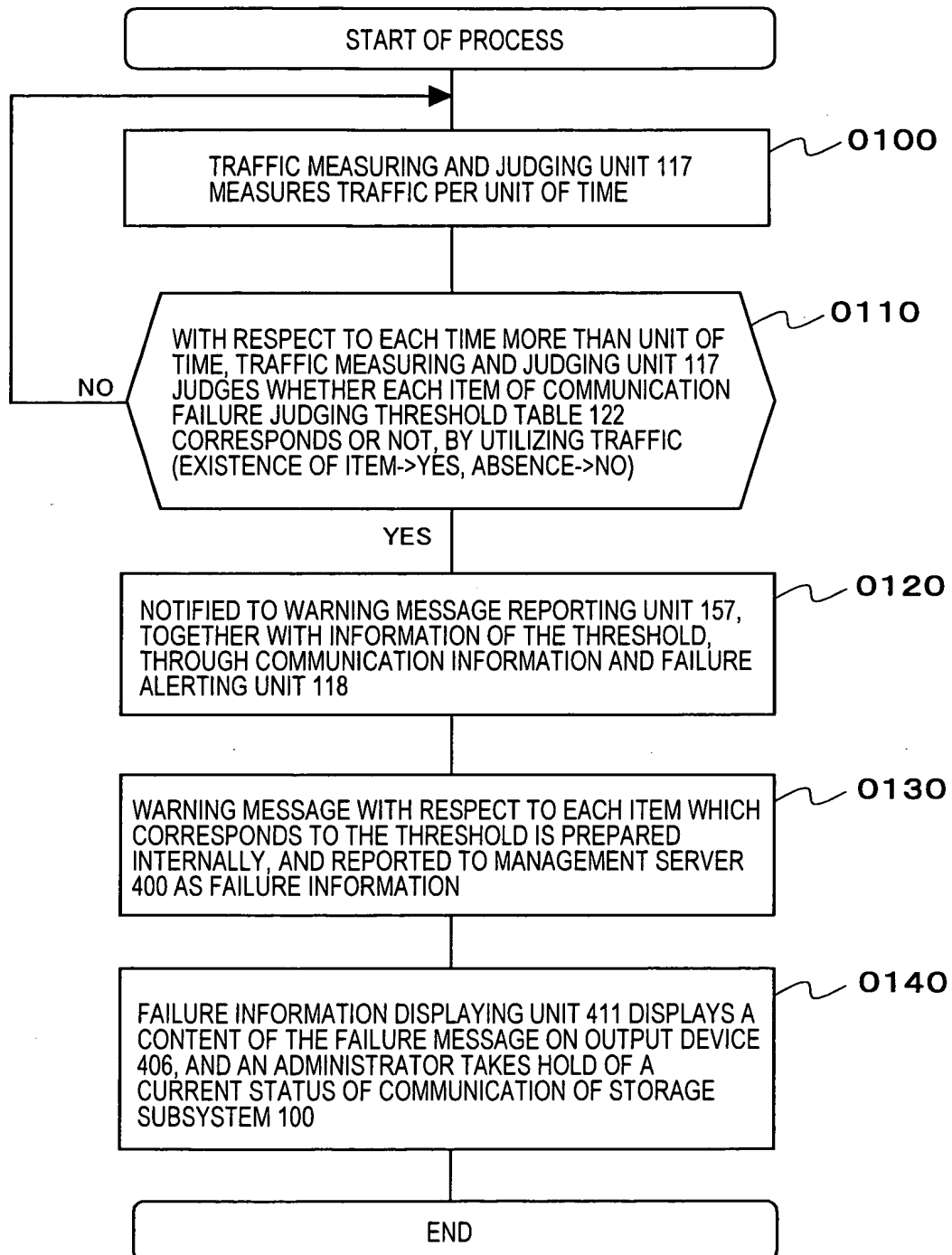
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FIG.7



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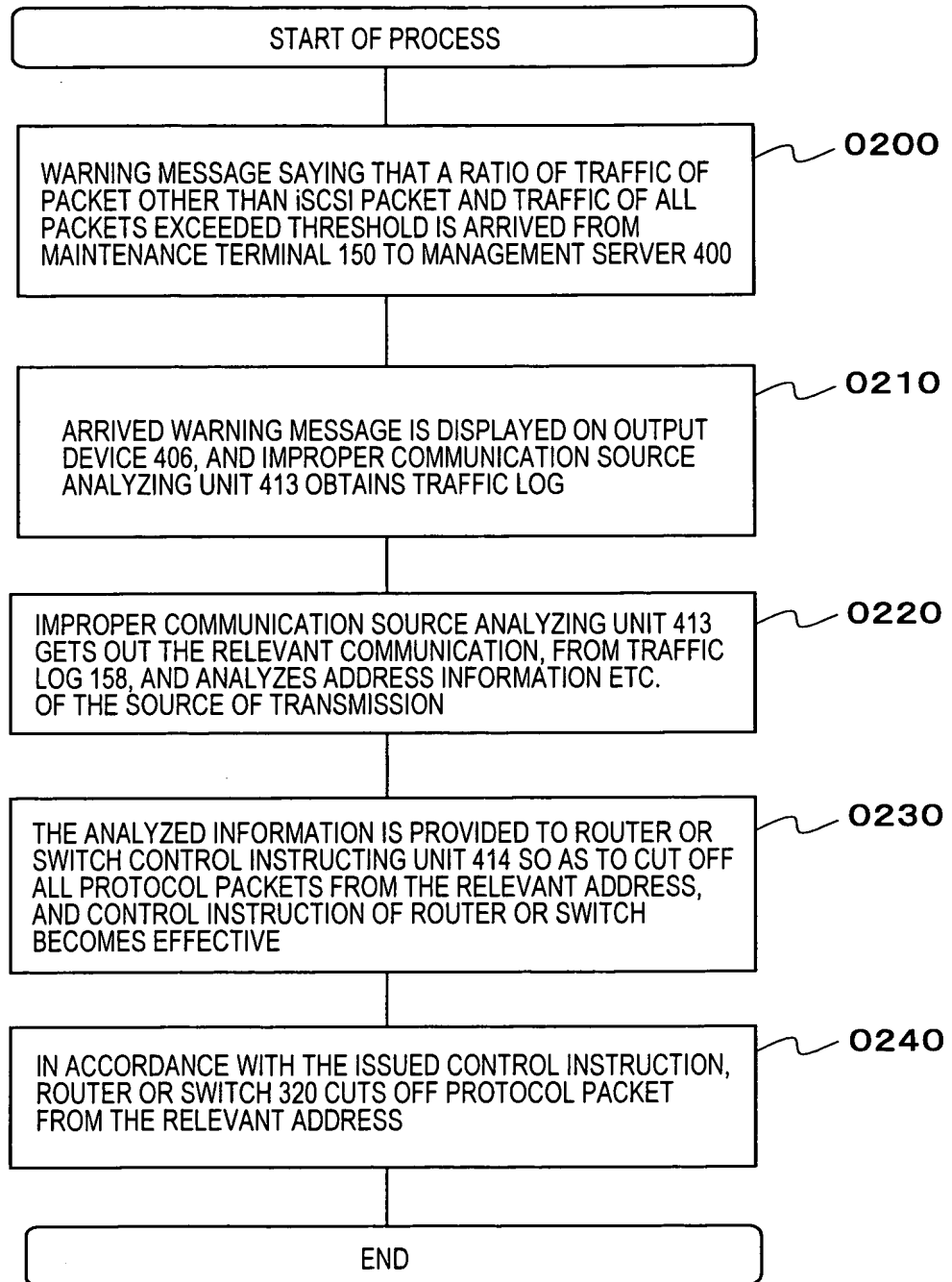
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## FIG.8



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FIG.9

